Homework for week 3 (due on Oct 23)

1. Use the dataset of "PurePremium.csv" to model the claim amount. The data fields are
   a. "S": 1st categorical variable (i.e. location, age group, product type, coverage, etc.)
   b. "T": 2nd categorical variable
   c. "exposure": total exposure
   d. "AvgCalim": average claim, which is claim per exposure. This is the target variable.

   For your submission, include the R script, R outputs, model results, and a brief description of modeling process and understanding of results.

2. Use the "MotorInsurance.csv" to model the **claim count**. You can find the data description on P15 in the text book. The target variable is "**numclaims**". Please include the R script, R outputs, model results and plot, and a short description of modeling process and how to understand results.

Reading List

1. Textbook, chapter 6 and 8